

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,901,809 B2
 APPLICATION NO. : 09/992552
 DATED : June 7, 2005
 INVENTOR(S) : Dong et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, Sheet 9, Fig. 10, has been replaced with attached Fig. 10.

Col. 9, line 20, " $\sigma_m = \frac{1}{t_1} \int_0^{t_1} \sigma_x(y) dy + \frac{1}{t_1} \int_0^{\delta} \tau_{yx}(x) dx$ " should read

$$-- \sigma_M = \frac{1}{t_1} \int_0^{t_1} \sigma_x(y) dy + \frac{1}{t_1} \int_0^{\delta} \tau_{yx}(x) dx --;$$

Col. 9, line 30, " $\sigma_m \left(\frac{l_1^2}{2} \right) + \sigma_b \left(\frac{l_1^2}{6} \right)$ " should read -- $\sigma_m \left(\frac{t_1^2}{2} \right) + \sigma_b \left(\frac{t_1^2}{6} \right)$ --;

Col. 10, line 60, " $\sigma'_m = \frac{(t-t_2)^2}{2} + \sigma'_b \frac{(t-t_2)^2}{6} = \int_0^{t-t_2} \sigma_x(y) y dy + \delta \int_0^{t-t_2} \tau_{xy}(y) dy$ "

should read -- $\sigma'_m = \frac{(t-t_2)^2}{2} + \sigma'_b \frac{(t-t_2)^2}{6} = \int_0^{t-t_2} \sigma_x(y) y dy + \delta \int_0^{t-t_2} \tau_{xy}(y) dy$ --;

Col. 12, line 32, " $\sigma_s \sigma_B + \sigma_M$ " should read -- $\sigma_s = \sigma_B + \sigma_M$ --;

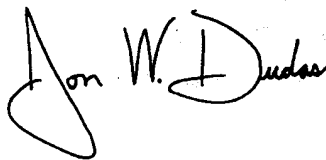
Col. 14, line 43, " $\sigma_b = \sigma_b^C + \frac{L}{l} (\sigma_b^C - \sigma_b^B)$ " should read -- $\sigma_b = \sigma_b^B + \frac{L}{l} (\sigma_b^C - \sigma_b^B)$ --;

Col. 14, line 50, " $\sigma_s = \sigma_s^C + \frac{L}{l} (\sigma_b^C - \sigma_b^B)$ " should read -- $\sigma_s = \sigma_s^B + \frac{L}{l} (\sigma_b^C - \sigma_b^B)$ --;
 and

Col. 15, line 19, " $\sigma_s = \sigma_s^C + \frac{L}{l} (\sigma_b^C - \sigma_b^B)$ " should read -- $\sigma_s = \sigma_s^B + \frac{L}{l} (\sigma_b^C - \sigma_b^B)$ --.

Signed and Sealed this

Thirteenth Day of March, 2007



JON W. DUDAS
 Director of the United States Patent and Trademark Office

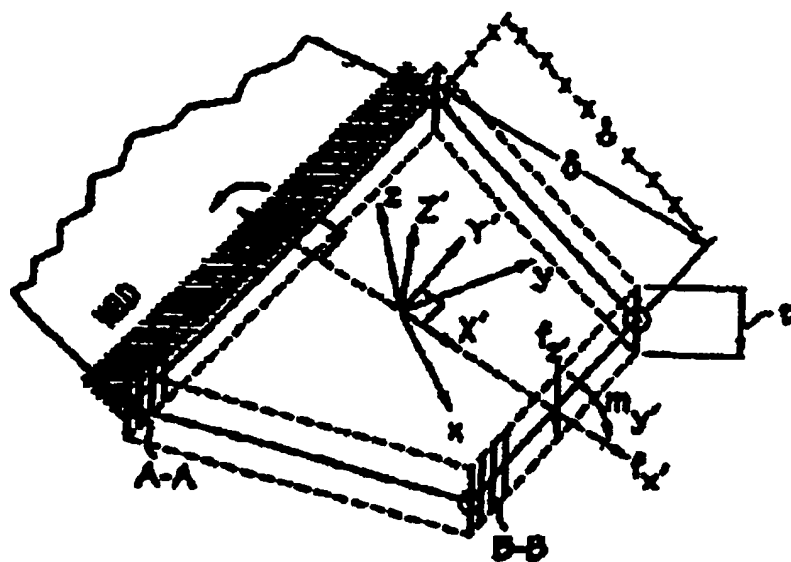


FIG. 10